April 11 Sat 23 30 Sperm Sloop
Sorgo 52 40 Elbridge Berry 17 days
blean

Jed Rainbow 48 Tons

5 Voyages from Nantucket
then sold to Wm Potter et al.
Dartmouth, Mass

3 Voyages from Dartmouth
Last voyage CLEAN then sold to Manuel
Fleury

Crew list in back of this Book.

Commander, bound from New Bedford & Malany 1867

WINDS.	REMARKS.
Latter Part.	Schooner Rainbow on Whaling Voyage Monday September 9th 67 at 9 A.M. all hands on bord cast off from Merrills Wharf & steerd down the Harbor out the Bay at 10 A.M. pass round Gulls at 11 discharge the Pilot & steerd out to Sea so ends this day cloudy weather
	Tuesday September 10th 67 first part light brises from E at 1 P.M. pass sow & pigs light Ho & steerd S come in thick fog middle part foggy and SE steering to SW by the wind daylight wind from SW & foggy latter cleard up some saw numb of Sailes so end Lat 40° 32 N Long 71° 04
Barometer 29 70 7 A.M.	Wendsday September 11th 67 first part light brises from SW to W heding to the S by the end at Sundown brese from W to NW steering SW with all Sail set middle part fresh breses from N Steering SW part the Mainsail latter moder brese from N to NE so ends saw numbe of Sailes so ends Lat 38° 58 North Long 72° 10 West Barometer 30 to mind SE

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, ar... ling grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M. Air.	THERMOMETER 9 A. M. WATER. Surface.	THERMOMETER 9 A. M. WATER. Depth.*	WINDS. First Part.	WINDS. Middle Part.
	Thursday	September	th 13	1 67	first	part	moderat			
	brases	from	SSE &	moderate	wather	middle	light			
	brase &	fine	wather	latter	light	brases	from	SSE	fine	wather
	Steering	SSE	saw	Blackfish		Lat	38	15	South	
						Long	73	30	West	
	Friday	September	th 13	1 67	first	part	light	airs &	calms	
	Steering	SbW	middle	part	light	airs &	calms the			
	latter	light	brases	from	SW	heding	SE	by the	wind	
	saw	Blackfish	saw	number	of	sails	Lat	37	30	South
							Long	73	40	West
	Saturday	September	th 14	1 67	first	part	light			
	brases	from	SW	and	fine	wather	heding	SE	with	
	all	sail	set	middle	part	light	brases	from	SW	
	heding	SE	ends	with	fine	wather	a	number	of	sails
	in	Sight	so	ends	Steering	S	and	W	Lat	36
									Long	72
	Sunday	September	th 15	1 67	first	part	light	brases		
	from	W	to	NW	Steering	SSW	middle	part		
	moderate	Steering	SbW	ends	fine	wather				
	brisk	brases	from	S	&	ragged	Saw	number	sails	
							Lat	35	30	North
							Long	74	31	West

...the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.
...Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer
...the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the s... in other words fill up the following blank.
...ck lets in water ——— feet ——— inches.

WINDS. Latter Part.	REMARKS.

Monday September 16 p 67 fresh breze from NNE & rugd Steerd S at 3 P.M saw Whales gave chase stuck one kill & took it along side & got up the cutting geer & cut it in middle part moderate breze from NNE & rugd latter ruf sea commence bailing ends Sat 34 50 Long 72 30 W

Tuesday September 17 p 67 first part fast winds from NE & passing rain squalls at 8 P.M finish bailing middle part moderate breze from NE ends light airs & Calm one sail in sit Lat 33 28 N E ll Long 71 37 West

Wendsday September 18 p 67 first part light airs from N E fm middle part fresh breze from N E to E latter moderate breze & fine latter so ends Lat 32 50 N Easte Long 70 50 West

Thursday September 19 p 67 first part moderate breze from N E & E steering S E & S E b S middle part light airs Calms latter light airs from E N E & Calms one sail in sit, Lat 30 50 N Long 70 20 W

Friday September 20 p 67 first part light airs Calms from E steering S E middle Calms latter part light airs from N E steering E S E saw Sramperses Lat 31 28 North Long 69 56 West

Whalers please keep Abst ways mention f for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

4

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M. Air.	THERMOMETER 9 A. M. WATER. Surface.	THERMOMETER 9 A. M. WATER. Depth.*	WINDS. First Part.	WINDS. Middle Part.
	Saturday September 21st			p 67	first				part light breese	
	from S E to S S E Steering E S E saw								a Steamer Steering to	
	the S S E & one Ship Steering to the Eastard								middle light airs &	
	Calms and the Same								Lat 31 07 North	
									Long 69 04 West	
	Sunday September 22			p 67	first				part light airs from the	
	N & Calms middle Calms Latter								light airs from the S &	
	Calms saw one Sail Seconds								Lat 31 05 North	
									Long 68 40 West	
	Monday September 23d			p 67	first				part light airs	
	& Calms Steering E S E middle								part Calms Latter light	
	airs from S W to W Steering E								Lat 30 50 North	
									Long 68 04 West	
	Tuesday September 24			p 67	first				part light airs from N to	
	N E middle light breese				from				N E & Latter fresh breez	
	from N E & puged Seconds heavy								swell from the	
	E one Sail in Site								Lat 30 57 North	
									Long 67 22 West	
	Wendsday September 25th			p 67	first				part fresh winds	
	from N E to E N E Schooner heding to the S E middle									
	part squally & passing rain Latter fresh winds from									
	E to N E & high sea runing								Steering E S E	
									Lat 30 12 North	
									Long 66 42 West	

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz.: Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS. Latter Part.	REMARKS.
	Thirsday September 26. p67 first part fresh NE & E winds Steering E by S at sundown light winds & ruged for the mainsail Set the Maindrys all middle part light airs from SE Steering E by S latter calms one sail in site Lat 30 00 North Long 65 47 West
	Friday September 27. p67 first part light airs from SW Steering E by S middle part Calms latter part the same Sailors in site So ends this day Lat 30 03 North Long 65 25 West
	Saturday September 28. p67 first part calmes & hot middle part light brises from SE heding E by E latter fresh brises from SE to S saw one sail Steering to the SW So ends this day Lat 30 30 North Long 64 35 West
	Sunday September 29. p67 first part morderate brees from S to SSE & Squally Steering E by S middl part morderate brises from S to SE staring to E end Cloudy with pas rain Squalls no obs today saw one sail Steering to Weastard ends rain Lat by Count 30 25 North Long 63 03 West
	Monday September 30. p67 first part rain Squalls wind from S to W with rain middl Steering E latter fresh winds from SW & ruged Steering E by S with all sail set Lat 30 50 North Long 61 04 West

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on sealing grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation observed.	Bar.	THER... ...ER 9 A. M. Air.	WATER. Surface.	WATER. Depth.*	WINDS. First Part.

Tuesday October 11th 67 first part fres S'W winds & ruged steering E b S at sundown furl flying jibb reef the foresail mainsail set steering E b S middle part fresh breze from S'W to W'S'W & heavy rain squalls latta wind W to N'W passing rain squalls steering E

Lat 30 48 North
Long 58 26 West

Wendsday October 12th 67 first part fres N'W winds with rain squalls steering E b S at sundown furl flr jibb singled reefd foresail middle squally latta strong winds from N'W to N with passing rain squalls steering E b S

Lat 30 34 North
Long 56 05 West

Wendsday October 13th 67 first part fresh wind from N steering E b S middle part moderate breze from N latta fine weather wind N b E steering E b S

Lat 30 27 North
Long 54 13 West

Thursday October 14th 67 first part wind N E steering E b S middle part light breze from E b E latta light airs from E heding S E tack haled N b E

Lat 29 47 North
Long 53 27 West

* Enter the temperature for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers. Depth of the water: Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit recommended for observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the follo Depth from which the cock lets in water ——— feet ——— inches.

WINDS.	REMARKS.
le Latter Part.	

Saturday October 8th 67 first part light winds from S.E. middle part heding W.S.W. at sundown tack headed W.S.W. middle part moderate brees from S.W.B.W. heding W.S.W. & W. latta more brees from W.S.W. & fine weather heding to the W.S.W. Lat 29° 30' N. Long 52° 39' W.

Sunday October 9th 67 first part fine weather heding W.S.W. wind S.W.B.W. middle part light airs & calms latta calms so ends this day Lat 29° 18' North Long 51° 42' West

Monday October 10th 67 first part calms middle part calms latter part light brees from S.W.B.W. steering W.B.W. with all sail set Lat 29° 36' North Long 51° 48' West

Tuesday October 11th 67 first part light winds from S.S.W. Steering W.B.W. middle part squaly with rain furl the main sail double reft the foresail Steering W.N.W. latta fresh winds from S.W.B.S. Lat 30° 28' North Long 49° 50' West

Windsday October 12th 67 first part fresh S.W. winds & rugged Steering W.N.W. middle light winds & squalls of rain latta much the same Lat 31° 00' North Long 49° 00' West

Thursday October 13th 67 first part rain squalls wind all round the compass middle calm latta variable wind all round the compass sail in set Lat 31° 03' N. Long 45° 15' [illegible]

☞-Whalers please keep Abstract for every day they are not at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at all times, and of [illegible] ling grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Miles by	Variation observed.	Bar.	THERMOMETER 9 A. M. Air.	WATER. Surface.	WATER. Depth.*	WIN First Part.
Friday October 11th				p 67					first part breses all round
the Compass Steering to the SE									pine sail in site
middle breses from E to ESE									heading SE latter Calms
one sail in site									Lat 30 - 29 North
									Long 47 - 23 West
Saturday October 12th				p 67					first part light winds
from SE to S heading E middle									part light wind
from S Steering E end fine matter									light winds from
S to SW & fine matter									Lat 30 - 9 North
									Long 46 - 22 West
Sunday October 13th				p 67					first part light winds
from S Steering E middle									part Calms Latter same
So end this day									Lat 31 - 33 North
									Long 46 - 20 West
Monday October 14th				p 67					first part light airs from
SSW to W Steering ESE middle									part light wind
from W Steering ESE latter									part most the
Same So ends fine matter									Lat 31 - 30 North
									Long 45 - 38 West
Tuesday October 15th				p 67					first part light wind
from West Steering ESE									middle light winds
from W latter fine matter									Lat 33 - to North
									Long 43 - 43 West

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.
*"Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." F
recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up
Depth from which ship's cock lets in water ——— feet ——— inches.

REMARKS

Wendsday October 16 p 67 first part fine weather wind
W SW steering SE middle part light winds from S
Steering E latter light winds & fine weather Steering E
saw finback
Lat 32 20 North
Long 42 50 West

Thirsday October 17 p 67 first part light winds
from S steering E middle part moderat winds
from S to SE latter fresh wind from S steering
E by S saw finback one sail in site Lat 32 50 North
Long 41 32 West

Friday October 18 p 67 first part fresh winds from
S steering E by S middle part fresh winds from
S steering E by S latter ruged three sails in site
so ends this day
Lat 33 20 N
Long 38 15 W

Saturday October 19 p 67 first part fresh gale
& squally heding E & by S by the wind three
sails in site at sundown furl the Mainsail
took the Bonnet of the Jibb heding E at daylight
light winds & ruged latter wind from S to SE tack
heded S by W three sailes in site Lat 33 28 North
Long 37 52 West

se keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on
ention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Current (Knots per hour.)	Variation observed.	Bar.	THERMOMETER 9 A. M. Air.	THERMOMETER 9 A. M. WATER. Surface.	THERMOMETER 9 A. M. WATER. Depth.*	WINDS. First Part.	WINDS. Middle Prt.
		Sunday Octber 20th				67	first		part light	
Ind Winds		winds from SSE heding				SW	back		headed	
		& thro Sailes in site					middle		part light	
winds		from S heding		E & ESE			latter		part much	
		the same three Sailes in site					Lat 33-32		North	
							Long 30-39		West	
		Monday Octber 21st				67	first		part light winds	
		from S to SSE heding		E the Eastard Lat					Sailes in	
		site one Whaler		middle		part	fresh breese		from S	
		latta fresh breers & squally		heding		ESE & SE				
		one Sail in site so ends					Lat 33-32		North	
							Long 35-32		West	
		Tuesday Octber 22d				67	first		part light	
		winds from S to SSW		heding		SE by the wind				
		middle part light airs & calms latta					moderate winds			
		from S steering SE one Sail in Sit					Lat 33-12		North	
							Long 34-36		West	
		Windsday Octber 23d				67	first		part fresh winds	
		from SE to E and heavy		Squall		from the	SW		2 Sailes	
		in site middle part		Squalls of rain		& very	high Sea			
		latter heavy Squals of wind		from E		steering	SSE			
		with all prudent Sail		saw 3 Sailes						
							Lat 31-52		South	
							Long 33-55		West	

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.
* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS.	REMARKS.
Latter Part.	Tuesday October 24th 67 first part Squally

and from S Steering SSE one Sail in Site middle part heavy squalls of wind & rain Steering S & double red the foresail red the mainsail latter part heavy Squalls from S furl the Mainsail a bad Sea running ends more moderate but high Sea Lat 30 32 North
Long 33 14 West
one Sail in Site

Friday October 25th 67 first part moderate winds & bad sea running Steering SSE with all Sail Set at Sundown light airs from SE furl the Mainsail Set the Maintopsail one Sail in Site middle part Squally & rain latter part winds and rain Squalls round all round the Compass Steering to the S a bad sea running one Sail in Site ends with rain no obs today Lat by Count 29 30 North
Long by Count 32 50 West

Saturday October 26th 67 first part rain Squalls & light wind from various points of Compass Steering S one Sail in Site middle part Squally with rain latter part much the same three sails in Site Schooner heading S Lat 28 50 North
Long 33 10 West

Sunday Oct 27th 67 first part Squally wing & SE & E spok Bark Aranan N Bedford Capt Russell 20 days out bound middle part more moderate latter part winds from E & S Lat 27 25 North
2 Sails in Site So ends Long 32 54 West

☞-Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. Tho Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

12 ABSTRACT LOG of the 2150

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER. Surface.	Depth.*	First Part.	Middle Part.
			44 18 352 44 792 80	18	80	= 30	18	61.		
			2150) 6336 (3 4150							
			42 18 126 42 756 61 546	18	61					
			2150) 63360 (15 2150							
			231 8 1848							
			1848) 63360 (34 5544							
			7920 7392 528							
						2150) 22790 (11 2150				
						2290 2150 140				
						1848) 63360 (34 5544				
						7920 7392				

☞ Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.
* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometers recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water ——— feet ——— inches.

Commander, bound from to 18

WINDS. Latter Part.	REMARKS.
	Macomber

☞-Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

14

ABSTRACT LOG of the

Date.	Latitude at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation ~~Observed~~	Bar.	THERMOMETER 9 A. M. Air.	WATER. Surface.	WATER. Depth.*	WINDS. First Part.	WINDS. [illegible]
Monday			October	23.	67	first	part		fresh winds	

from E to E SE Steering SSE & SSE by the wind with all prudent sail set middle fresh winds & rugged latter much the same 2 sailes in sit and fast winds from E Steering SSE with all prudent sail Lat 26.00 North Long 31.37 West

Tuesday October 24th 67 first part fresh winds from E Steering SSE one sail in sit middle brisk brese from E Steering SSE latter fresh winds & rugged heding S close by the wind Lat 24.10 North Long 31.10 West

Wendsday October 30th 67 first part brisk breese from SE to E heding to the S close hall sundown moderate middle part moderate breses from E SE to S tack hided to E SE latter moderate brese from S heding SE by E Lat 23.41 West Long 30.48 West

Thirsday October 31. 67 first part fine wether wind & steady heding SE & E SE middle part moderate breses from S to SW heding to SSE by the round latter fine wether wind SW & W SW Steering S Lat 23.05 North Long 29.32 West

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.
* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometers recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS. | REMARKS.

November 1. p. 67 Friday November 1. p. 67 first part light winds from SW to WSW steering S middle light light winds from SW latter light winds & fine weather steering S Schooner Lackawaxen in sight at 21° 53 North Long 28° 48 West

Saturday November 2. p. 67 first part light winds from SW to WSW steering S middle part Calms latter part same Lat 21° 25 North Long 28° 27 West

Walk Steering a foot in the bow of the Schooner

Sunday November 3. p. 67 first part light breze from S & steering SSW saw Blackfish lowerd but did not see them from the boats middle part moderate winds from S latter much the Same Lat 20° 32 North Long 28° 37 West

Monday November 4. p. 67 first part light trades from S steering S saw Blackfish lowerd middle part fresh trades from ESE & ruged latter fresh trades & ruged steering S Lat 18° 46 North Long 28° 16 West

Tuesday November 5. p. 67 first part fresh trades from ESE & ruged at 4 PM double reef the mainsail single reef foresail took bonnet of the jibb steering SSE middle part fresh trades & ruged steering SSE latter part much the same one sailing Like a Whaler bruseing Lat 16° 49 North Long 27° 07 West

☞-Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

16

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER. Surface.	WATER. Depth.*	First Part.	Middle Part.
	Wednesday November 6th				67	first part fresh				
	trades & ruged heading to the				SE took headed SSE					
	at 9 PM took headed SE one				Sark in sit all hands					
	at Sundown double reef the Mainsail & fore Sail took the									
	bonnet of the jibb middle part brisk trades & ruged									
	latter part took headed SSE &				end Steering E SE					
	winds & ruged				Lat 16 55 North					
					Long 26 33 West					
	Thirsday November 7th				67 first part fresh					
	trades from E & NE & ruged				heading SSE & took					
	& steard SSE & middle single				reef the fore & mainsail					
	Steering SE light breses & calms latta part									
	heding S & ends fine weather				Lat 15 55 South					
					Long 26 45 West					
	Friday October 8th				67 first part lighte airs					
	from E & NE heding S & with all Sail Set middle									
	part moderate trades & fine wether heding to NE									
	latter part mest the same Saw the Sun									
	bareing E & S by compass distance 30 miles									
	one Sail in sit				Lat 16 45 North					
					Long 26 00 West					

☞Reserve this for Binding.—Don't cut.

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS.

Latter Part.

REMARKS.

Saturday November 4th 67 first part moderate trade & fine weather heading NW the Island St Antone in Site dist 30 miles saw two sails at Sundown single reef the fore & mainsail furl the fly jibb Schooner heading NW by the wind middle part moderate trade latter fresh trades & rugged steering to the SW ends rugged saw Albacores & Junpers Lat 17.18 S Long 26.30 W

Sunday November 5th 67 first part fresh trades & rugged steering SW at Sundown single reef the foresail furl fly jibb middle part moderate trades & rugged latter part the same steering SSE one sail in site Lat 15.54 South Long 25.24 West

Monday November 6th 67 first part fresh trades & rugged steering SSE 2 sail in Sit Sundown Shaten sail for the night Steered SE by S middle moderate trade latter fresh trades & rugged saw one Sail Lat 14.07 South Long 25.30 West

Tuesday November 7th 67 first part Calms & rugged heading to the S took in the fore & main sail Set the Jib sails at Sundown light trades from E Steering SSE middle part light trades Calms latter part Calms & hot saw one Sail Lat 13.57 South Long 25.05 West

☞-Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

18 **ABSTRACT LOG of the**

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M. Air.	WATER. Surface.	WATER. Depth.*	WINDS. First Part.	WINDS. Middle Part.
Wendsday	November				13th	66	first		part	
calm latter	part light airs									
Thirsday	November				14th	67	first	part	light	
airs from the S' steering										
trade & fine										
the same fine										
Friday	November				15th	67	first	part	fine	
Saturday	November				16th	67	first	part		

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.
* "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS. Latter Part.	REMARKS.
	Sunday November 7th 67 first part calm thra Sails in Site at 6 Spok the Schooner Dradnaught Barnadave Capt Edward 3 months out 180 bls middle part rain Squalls & Steering SSE latter moderate brese from ESE Sails in Site both Whalers and fresh wind heding SE and E
	Lat 10 ◦ 1 North
	Long 23 ◦ 17 West
	Monday November 8th 67 first part both brese & heding Squall of wind & rain from the S tack heded to the E middle part Squall of rain latter light brez from E heding SE & E one Sail in Site Lat 10 ◦ 0 North
	Long 22 ◦ 52 West
	Tuesday November 9th 67 first part light winds & calms heding to SE by the wind one Sail in Sit Steering to the N saw Blackfish middle part moderat winds from E heding SW & latter light brezes Smokey weather & Sail in Site
	Lat 9 ◦ 17 North
	Long 21 ◦ 50 West
	Wendsday November 10th 67 first part light winds & calms heding SE middle part light winds from ESE Steering SE latter rain Squalls thunder & lightning Spoke Schooner B. B. Sutton from Fairhaven 1800 bls Sperm,
	Lat 8 ◦ 47 ◦ North
	Long 20 ◦ 20 West
	Thursday November 11th 67 first part cloudy & Sails in Sit middle calms latter calms & lost two Schooners in Whaler Brasenose,
	Lat 8 ◦ 46 North
	Long 21 ◦ 14 West
	Homeward Bound

☞—Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

20 **ABSTRACT LOG of the**

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M. Air.	THERMOMETER 9 A. M. WATER. Surface.	THERMOMETER 9 A. M. WATER. Depth.*	WINDS. First Part.	WINDS. Middle Part.
	Friday November 22th					67			first part Calms & Light	
	Schooners in Site saw Blackfish								middle part light	
	breese from various point of								Compass latter squally	
	& Sails in Site		end with rain Squalls						no obs to day	
	saw Blackfish		Lat by Count						S 35 West	
									Long 21 03 West	
	Saturday November 23th					67			first part light	
	winds & rain Squalls & Sails in Site Whales middle									
	part light airs & Calms latter much the Same									
	one Whale in Site saw Blackfish Squad but									
	did not get near them								Lat 8 52 West	
									Long 20 48 West	
	Sunday November 24th					67			first part	
	Calms & hot weather one Sail in Site at 5 PM									
	Spoke the Schooner Wachsman Provincetown									
	at Sundown rainy middle part Steering									
	to East & latter part light airs & Calms 2 Whaling									
	Schooners in Site & Marchantman Steering to West									
	So ends this day								Lat 8 40 North	
									Long 20 20 West	
	Monday November 25th					67			first part light	
	airs & Calms & hot weather 2 Sails in Site middle part									
	Calm latter light airs & Calms 2 Whaling Schooners									
	in Site & one Blackfish Grampuses & Porpoises									
									Lat 8 52 North	
									Long 20 12 West	

☞ Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

** "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS.

Latter Part.

REMARKS.

Tuesday November 26th 67 first part

light airs from the N Steering to SE middle part light winds from SE Steering SE latter Steering to E Schoone in Site Whaler & one Marchantman Employ Ship to kill rats and fine mettra Lat 8 33 Bott Long 19 32 West

Wendsday November 27th 67 first part light winds from SE & fine mettra Steering S middle part light airs from SE latter much the same So ends this day hot mother Lat 8 08 Bott Long 19 10 West

Thursday November 28th 67 first part light airs & hot mettra Steering SSE one Sail in Site middle part light airs & calm latter much the same Steering to the E SE one Sail in Site Lat 7 45 Bott Long 19 03 West

Friday November 29th 67 first part light breze from the N Steering E SE middle part rain Squalls with thunder & lightning ends with calm & hot mettra Sun Brimpess & fine back Lat 7 44 Bott Long 18 45 West

Saturday Novembe 30th 67 first light airs all round compass middle thunder & lightning with rain latter cloudy Steering to S no obs to day Lat by Acount 7 10 Nth Long by Acount 18 50 West

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation observed.	Bar.	THERMOMETER 9 A. M. Air.	THERMOMETER 9 A. M. WATER. Surface.	THERMOMETER 9 A. M. WATER. Depth.*	WINDS. First Part.	WINDS. Middle Part.
			Sunday							
December 1st/67									first part cloudy weather steering S light winds from SE to SSE sails in sight middle part thunder & lightning with rain latter squalls from SE steering SSE one sail in sight no obs to day Sat by count 9.00 N Lon 19.00 W		
Monday December 2d/67									first part cloudy with rain steering to NW wind from SE middle part light winds from E steering SW latter light winds & fine weather steering NW so ends good weather Sat 7.22 N Lon 19.22 W		
Tuesday December 3d/67									first part fine weather steering S middle part light breeze & rain squalls latter part fine weather steering SSW looking hard for Wind Sat 6.55 N Lon 19.42 W		
Wendsday December 4th/67									first fine weather steering SW one sail in sight at 7 SW spoke the schooner Estella of Provincetown 60 days out 120 gallons oil middle rain squalls steering SSW latter moderate breeze from SE steering SW 2 Sails in sight Sat 6.24 N Lon 19.51 W		

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water ——— feet —— inches.

WINDS. Latter Part.	REMARKS.
	Thursday December 5th 67 first part light
	airs from W to S Steering W saw Sails
	middle part rainy latter light winds & Cloudy no
	Sail in Sit so ends Lat 6° 06' North
	Long 20° 00' West
	Friday December 6th 67 first part light
	winds & Calms at 5 P M spoke the Schooner
	Charles Hoag Sag Neck out 35 Days middle
	part light winds from SE heding to the SE
	latter part Squally one Sail in Sit Lat 6° 03' North
	Long 19° 45' West
	Saturday December 7th 67 first part Squally
	heding to SE one Sail in Sit middle part rainy
	& Calms latter Calms & not no Sail in Sit Lat 6° 40' North
	Long 19° 50' West
	Sunday December 8th 67 first part light
	airs from W steering W & middle part light Airs
	from W to SW steering W & under Short Sail
	latter moderate saw three Sails Lat 6° 25' North
	Long 19° 10' West
	Monday December 9th 67 first part light
	airs & Calms three Sails in Sit all Whalers
	middle wind from S & rainy latter part rain &
	ends Cloudy one Whaling Schooner in Sit
	Lat 6° 34' North
	Long West

☞-Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Siroceo-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER. Surface.	WATER. Depth.*	First Part.	Middle Part.

Tuesday December 11th /67 first part Cloudy with rain squalls wind from S to SW one Sail in Site middle part moderate breze from SW Steering SSW latter fine weather Steering SW one Sail in Site so end

Sat 6 45 N
Lon 20 03 W

Wednesday December 12th /67 first part fine weather steering SE one Sail in Site at 7 PM Spoke the Bark Tropic bird of New Bedford Capt Adams 11 months out 35 bbls Sperm middle light airs from NE steering to the E on the wind latter part fine weather three Sails in Site Sat 6 28 N

Lon 19 50 W

Thursday December 12th /67 first part fine weather heding to the SW three Sails in Site at 5 PM saw Blackfish lowered did not get nor them middle part moderate breze & fine weather heding to the E latter rainy thunder & lightning Spok the Schooner Light Boat of Newburyport Capt Eaton Saw 6 Sailes all Whalers so end

Sat 6 20 N
Lon 19 18 W

Friday December 13th /67 first part breze from the NE heding SW middle part squally latter fresh breze & rugid Sails in sit

Sat 6 23 N
Lon 19 40 W

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.
* "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS. Latter Part.	REMARKS.

Saturday December the 14th 67 first part fresh breese from E heding to the SE sailes in Site at sundown Spoke the Brig D. H. Hall Capt Freeman of Provincetown middle part rain squalls with thunder & lightning latter moderate breese from E by E Steering to the S by the wind Lat 7°23 North Long 19°56 West

Sunday December the 15th 67 first part moderate breese from E by E heding N E back heded to SE middle part light wind from E heding S by E latter part much the same so ends Lat 7°02 North Long 19°30 West

Monday December the 16th 67 first part light winds & rain Squalls wind all round the Compass one sail in Site Whaler middle part light winds & calm latter moderate breese from W by E heding to E by E on the wind Lat 6°58 North Long 18°50 West

Tuesday December the 17th 67 first part light winds from E by S heding E middle part light breese from E by E & S heding E ends with calm & hot Lat 6°26 North Long 18°25 West

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Siroceo-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M. Air.	THERMOMETER 9 A. M. WATER. Surface.	THERMOMETER 9 A. M. WATER. Depth.*	WINDS. First Part.	WINDS. Middle Part.
Wend	December	18	67	Commence					mdt Calms	
middle part	thunder	squalls	latter	rainy	wind from					
S Steering	SE	so ends				Sat	6	35	S Batt	
						Sony	18	15	West	
Thursday	December	19	67	first	part	light	winds			
from S &	calms	middle	part	light	airs	from	SE			
Steering	SSE	latter	light	airs	from	E	Steering			
to the	S	so	ends			Sat	7	35	Batt	
						Sony	18	30	West	
Friday	December	20	67	first	part	light	breze			
from E	to	SE	Steering	to the	S	SW	by the wind			
midd	part	fresh	winds	from	SE	heding	to the	SW		
latter	fresh	SE	wind &	ruged		Sat	8	05	Batt	
						Sony	18	40	West	
Saturday	December	21	67	first	part					
fresh	SE	winds &	ruged	heding		SSW				
middle	part	fresh	SE	trade &	ruged	latter				
part	much	the	Same	heding		SSW	Sat	9	11	SW
						Sony	19	47	West	
Sunday	December	22	67	first	part					
fresh	SE	trade &	ruged	heding		ESE				
middle	part	mordate	breze	from		ESE				
latter	part	much	the	Same		Sat	9	18	Batt	
						Sony	18	20	West	

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS.	REMARKS.
Latter Part.	Monday December 23d 1867 first part light winds from W to W by N veering to N by the mid saw blackfish & porpoises middl part moderate latter light winds & calms Lat obs 33 South Lon 174 14 West
	Tuesday December 24th 1867 first part light breze from W to SE veering to the East middle part brisk & SE winds steering E & SE latter part steering E Lat obs 10 miles South Lon 173 15 West
	Wendsday December 25th 1867 first part breze from N steering E & E at Sundown sounded got 16 fathoms middle part light breze & from N latter light airs from E to S veering to the E Lat obs 58 miles South Lon 174 20 West
	Thirsday December 26th 1867 first part light winds from S steering S E in for the land at Sundown sounded found 12 fathoms middle part fresh breze from S to S E veering to the S latter part Squally & cloudy steering for the East at 9 P.M. saw the land end thick & cloudy with no obs. to day Schooner in 8 fathoms of Water Steering S E

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

23

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M. Air.	WATER. Surface.	WATER. Depth.*	WINDS. First Part.	WINDS. Middle Part.

Friday December 27/67 first part thick
cloudy steering in for the Sound at 4 P M
saw the W.I. Delos bearing S dist 15 miles
steerd for it at 5 P M came to Anchor in
3½ fathoms of Water a Whaling Schooner at
this place Schooners George L Jones of Provincetown
& S B Soper of Provincetown middle part
fresh Wds latter rainy

Saturday December 28/67 first part
rainy middle part fresh wds from S E latter
part moderate got of Water 30 casks

Sunday December 29/67 first part light
breezes & fine wether middle part fine wether
latter much the same

Monday December 30/67 first part
fine wether filling off Wood & Water latter
fine wether so end all hands employed filling
& stowing Wood

Tuesday December 31/67 first part
fine wether all hands employed in filling off Wood
ends fine wether filling wood & Stowing of the
hold

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.
* "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water ——— feet ——— inches.

☞Reserve this for Binding. Don't cut.

WINDS. Latter Part.	REMARKS.
	Wendsday January 1st 1868 Commences with fine wether getting of Wood & Wate middl part fine latter part the same all hands employed giting Wood & Wate
	Thursday January 2d 68 first part fine wether middle & latter part much the same at Anchor at Delos in company with Schoner George L Jones Fairhaven & Sk Sopar of Provincetown first getting off Wood & Wate
	Friday January 3d 68 first part fine wether tord low the evgen & sit up the head Stays got redy for sea middle part light airs & calms at daylight call all hands got red for sailing at 8 A.M. light airs of the Land got under way in company with the George L Jones & Sk Sopar & teerd out to sea with light breze from the N.E. Seands
	Saturday January 4th 68 first part fine wether working out to sea at Sundown Delos bearing SE dist 8 mile steering S.W. and S.W. middle Calms latter part with light airs in sit Island Delos in sit dist 25 miles Lat 9.. 15 N.W. Long 14.. 10 W.t

☞-Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on sealing grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

30

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation observed.	Bar.	THERMOMETER 9 A. M. Air.	THERMOMETER 9 A. M. WATER. Surface.	THERMOMETER 9 A. M. WATER. Depth.*	WINDS. First Part.	WINDS. Middle Part.
	Sunday January 5th 68								first part light breese from the N heding W & S W middle part moderate breese from the N heding W & S W ends fine weather	
								Sat 8h 32 W		
								Long 15h 17 W		
	Monday January 6th 68								first part fresh winds from the N heding to W by N the wind middle part moderate breese from the N latter part winds & rugid steering W by N	
								Sat 8h 15 W by N		
								Long 16h 32 W by N		
	Tuesday January 7th 68								first part fresh Winds from N N E steering W by N middle part steering W by N latter moderate breese from N E by E steering N W by N	
								Sat 8h 11 N W by N		
								Long 18h 00 W by N		
	Wendsday January 8th 68								first part fine weather steering W N W moderate breese from N E by E middle part light wind from the N steering W N W latter light N E wind & Calm	
								Sat 8h 03 W by N		
								Long 19h 10 W by N		

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank. Depth from which ship's cock lets in water ——— feet ——— inches.

Commander, bound from to 18

WINDS. Latter Part.	REMARKS.
	Thursday January 7, 68 first part light airs & Calms hding to the W middle part Calms latter light airs & Calms hdings to WSW Sat 7.30 Watt Lon 19.20 Wt
	Friday January 8, 68 first part light airs Calms Staing W & W sattle down th Mainyard middl light airs all round the Compas latter part fine wether light Baltic winds Staring W b S Sat 7.30 M Lon 14.57 Wt
	Saturday January 9, 68 first part fine wether light breses from th North Staring W b N middle part light winds from S to W S W hding to Wstard end fine wether Staring W b W Sat 6.57 North Lon 9.45 Wt
	Sunday January 10, 68 first part fine wether Staring S W b W wind S b E middle part light brese from N'd Staring W b W latter fine Sound Sat 7.25 N Lon 22.16 Wt
	Monday January 11, 68 first part fine Staring W b N middle latter fine Staring S W b W. Sat 7.25 N Lon 25.16

☞-Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on aling grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

32

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation observed.	Bar.	THERMOMETER 9 A. M. Air.	THERMOMETER 9 A. M. WATER. Surface.	THERMOMETER 9 A. M. WATER. Depth.*	WINDS. First Part.	WINDS. Middle Part.
									Tuesday January 14 / 68 first part fine weather steering S W b W middle part thunder & lightning & evidence of rain latter part light winds from N E steering S W b W	
									Sat 7. 36 S	
									Long 24. 08 W	
									Wednesday January 15 / 68 first part moderate breze from N E steering S W b W middle part fresh trades latter part the same	
									Sat 7. 53 S	
									Long 26. 12 W	
									Thirsday January 16 / 68 first part fresh N E trades & rugged steering S W saw one sail middle part fresh N E trades & rugged steering S W latter part rugged saw one sail	
									Sat 8. 27 North	
									Long 28. 25 West	
									Friday January 17 / 68 first part fresh N E trades & rugged steering N E & saw in the middle part fresh N E trades & rugged latter part saw	
									Sat 9. 12 North	
									Long 30. 42 West	

☞ Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

** "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz. Depth from which ship's cock lets in water ——— feet ——— inches.

Commander, bound from to 18

WINDS. Latter Part.	REMARKS.
	Saturday January 18th 68 first part fresh NE trades & rugged steering N by W middle part fair the Plains did & fly till Steering W N W middle part fresh trades & rugged latter part much the same Steering W N W so ends very rugged Lat 9° 30 North Long 33° 20 West
	Sunday January 19th 68 first part fresh NE trades & very rugged fair the Plains set the main trysail Steering W & W by S middle part Steering NE trades & very rugged Steering W so ends Lat 8° 50 North Long 35° 40 West
	Monday January 20th 68 first part fresh NE trades & rugged Steering W middle fresh trades & rain squalls latter thick & cloudy Steering W & W by S Lat 8° 20 North Long 37° 50 West
	Tuesday January 21st 68 first part fresh NE trades & rugged Steering W & N middle rain & light winds from E NE to SE latter rainy Steering W & W N W Lat 8° 10 North Long 38° 40 West

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on fishing grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M. Air.	THERMOMETER 9 A. M. WATER. Surface.	THERMOMETER 9 A. M. WATER. Depth.*	WINDS. First Part.	WINDS. Middle Part.
			Wednesday January 22 1768 first part light winds from E & Steering W & W the middle part light trades & passing rain squalls latter moderate trades & fine weather Steering W W & W by W sounds							

WINDS. Latter Part.	REMARKS.
	Sunday January 26 /68 first part moderate trades from E to NE steering WBN with all sail set middle part fresh trades & passing rain squalls latter fresh trades & rugged steering WBN saw one Steering to N Lat 9.14 North Long 46.25 West
	Monday January 27 /68 first part fresh trades from E to NE & rugged steering WBN middle part fresh trade & squally latter much the same Steering WBN Lat 9.23 North Long 48.45 West
	Tuesday January 28 /68 first part fresh trade & rugged Steering WBN middle part fresh trade & rugged latter part much the same Lat 9.32 North Long 50.53 West
	Wednesday January 29 /68 first part fresh trades & rugged steering W middle part fresh Trade from E to ESE & rugged latter part rugged Steering W Lat 9.35 North Long 52.40 West

☞-Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz. Depth from which ship's cock lets in water ——— feet ——— inches.

Commander, bound from to 18

WINDS. Latter Part.	REMARKS.

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on ling grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

38 **ABSTRACT LOG of the** 1

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M. Air.	THERMOMETER 9 A. M. WATER. Surface.	THERMOMETER 9 A. M. WATER. Depth.*	WINDS. First Part.	WINDS. Middle Part.
	Thirsday	Januar	30	68			first part			
	fresh trade & rugid		Staring	W			Sam			
	Blackfish	goin	quick	to the			eastard			
	middle part rugid		latter	Staring			trade			
	from E Staring		W B S				Sat 9 ds S W			
							Long 54 30 W L			
	Friday	January	31	68			first part			
	fresh trade	from	E to E S E				Staring			
	to the Mard	middle	part	fresh trade & equally						
	latter part	Strong	trades & rugid							
	Staring W B S									
							Sat 8 m 50 South			
							Long 56 m 33 West			

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

*"Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz. Depth from which ship's cock lets in water ——— feet ——— inches.

Commander, bound from to 18

WINDS. Latter Part.	REMARKS.
	February 4th 1868 first part fresh trades from E to E & ruged steering W by S with all said set middle part strong trades & ruged latter part much the same Lat 9.50 North Long 59.00 West
	Sunday February 5th 68 first part strong trades & very ruged steering W took in the mainsail set the main trysail middle part fresh trades & ruged steering W latter part much the same at 8 A M saw the land bearing W N W dist 10 miles ends Lat 10.05 North Long 61.00 West
	Monday February 6th 68 first part fresh trades steering to the W along the South Side of Trinadad saw one humpback did not lower at 4 P M bore to Anchor of the South Side of Trinadad in 6 fathoms Water 40 fathoms Chain out middle part moderate at 8 A M got under way & Stood of Shor looking for Whales Saw upwards of 8 humpbacks did not lower Ends ruged weather
	Macondo
	Mackerel 4th and hard time on the East of Trinidad

☞-Whalers please keep Abstract for every day they are not at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on sailing grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

40

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation observed.	Bar.	THERMOMETER 9 A. M. Air.	THERMOMETER 9 A. M. WATER. Surface.	THERMOMETER 9 A. M. WATER. Depth.*	WINDS. First Part.	WINDS. Middle Part.
Tuesday February 4th 68									first part ruged	
Cruseing for Humpback at ½ 8 A.M. come to										
Anchor South of Trinidad 5 fathoms Water the										
middle part moderate breese of the Land										
at 6 A.M. got under way steerd to the Westard										
Saw number of Whales did not Cover for them										
Strong trades & ruged Second of Drawgar part										
Wendsday February 5th 68 first part										
Strong trades & ruged Cruseing for Whales										
at 5 P.M. Come to anchor in 5 fathoms Wate										
35 fathoms of Chain middle part moderate										
latter part got under way steerd off Shore Saw Whale										
going quick to the windard Strong trade & ruged										
at 10 P.M. come to Anchor in 5 fathoms water Let										
Anchors down and Strong trade ruged										
Thursday February 6th 68 first part Strong										
trade & ruged at Anchor South Side of Trinidad										
middle part more moderate latter part										
trade & ruged at Anchor South Side of										
Trinidad Saw Humpback off Shore										

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz. Depth from which ship's cock lets in water ——— feet ——— inches.

Commander, bound from to 18

WINDS. Latter Part.	REMARKS.
	Friday February 7th 68 first part fast trades & rugged at Anchor South Side of Trinidad middle part fresh trades & squally at daylight got under way & work up for the Cape Galgata ends & squalls & calms working out of the gulf
	Saturday February 8th 68 first part squally working up to the Cape Galgata middle part fast trades & rugged at 7 Point Galgata bearing W by N 4 miles middle part working out the gulf at daylight Galgata bearing W by N 12 miles latter fresh trades & rugged Lat 9.56 North Long 60.40 West
	Sunday February 9th 68 first part fresh trades & rugged heaving E by S by the wind middle part more moderate heaving E by E latter light trade & fine weather saw humpback Lat 9.03 N Long 59.48 West
	Monday February 10th 68 first part fine weather light trades heaving to the S by the wind middle part squally latter fresh trades from N E heaving E by E & E Lat 9.56 N Long 59.20 West
	Tuesday February 11th 68 first part moderate trades saw blackfish Covered Strake hill the coast from Cape Galgata to Point Icacos middle part squally & light trade heaving E by E latter light winds Lat 10.05 North Long 58.50 West

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on sealing grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation observed.	Bar.	THERMOMETER 9 A. M. Air.	WATER. Surface.	WATER. Depth.*	WINDS. First Part.	WINDS. Middle Part.
	Wendsday	February		#12	168	first	part	light	trade	
	& Squally	heding	E & SE		same	one	sail	middle		
	part	fresh	trades	& ruged	heding	E & SE	latter	part		
	much	the	Same	same	one	sail				
						Sat	9. 47	West		
						Long	55. 20	West		
	Thirsday	February		#13	168	first	part	fresh		
	trades	from	SE	to	E & NE	heding	to	E & SE	middle	
	part	fresh	trades	& squaly		latter	fresh	trades	& ruged	
	heding	to	the	E & SE						
						Sat	9. 02	North		
						Long	58. 00	West		
	Friday	February		#14	168	first	part	fresh	trades	
	& ruged	tack	heded	N		same	one	sail	middle	
	part	fresh	trades	& ruged		latter	part	much	the	
	heding	N	&	N NE						
						Sat	10. 35	North		
						Long	58. 31	West		
	Saturday	February		#15	168	first	part	fresh	trades	
	& ruged	heding	N N E		middle	part	ruged	latter		
	fresh	trades	& ruged	heding	N					
						Sat	12. 08	North		
						Long	58. 12	West		
	Sunday	February		#16.	168	first	part	fresh	trades	
	& ruged	tack	heded	S &	SE & E	&	same	2	sails	middle
	ed	the	Mainsail	at	4	&	N	tacks	ruded	
	N N E	latter	part		stong	trades	&	ruged		
						Sat	11. 41	West		
						Long	57. 40	West		

☞ Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz. Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS. Latter Part.	REMARKS.
	Schooner Leaking 200 Strokes per hour
	Monday February 17, 68 first part fresh trades & ruged heding N & NE middl part fresh trades & ruged heding ~~N E & E~~ end the nawind latter part fresh trades & ruged heding N & NE saw one sail steering N N W & S ends Lat 12° 44 North Long 57° 18 West
	Tuesday February 18, 68 first part fresh trades & ruged heding N & NE repaird the fly jibb at 4 P M light and fine wether lowerd the Mainsail & Stitch up the poar places middle part fresh trade & ruged latter much the same heding NE & N & E Lat 14° 05 North Long 56° 48 West
	Wendsday February 19, 68 first part brisk trades pour & heding N E & E the middle part fresh trades pour & heding N E & E latter fresh trade & ruged seends this day Lat 15° 21 North Long 56° 19 West
	Thirsday February 20, 68 first part fresh trades & ruged heding N E & E at sundown furl the fly jibb reft the mainsail middle part fresh trades & ruged latter squally trades pour & to N tack heded to the E & E ruf the Cases Lat 16° 06 North Long 56° 07 West
	Friday February 21, 68 first part Strong trades pour E & E & ruged heding N E & E saw 2 sailes saw finback middle fresh trades & ruged heding E & E latter part squally & fresh trades heding E & E & E & E seends Lat 15° 20 North Long 55° 38 West

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on [illegible] grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M. Air.	THERMOMETER 9 A. M. WATER. Surface.	THERMOMETER 9 A. M. WATER. Depth.*	WINDS. First Part.	WINDS. Middle Part.

Saturday February 22 / 16 8 first part fresh trades & squally heding to the SE with Mainsail reeft Foresail fild & fly jibb set single reef mainsail at 3 & 8 M passing rain squalls the fly jibb mardingal parted the jibb stay Shacked parted near the Cutwater took in foresail & Mainsail got tackles on the stay & secured the Mast set the fore & mainsail lay to took the Bonnet of the jibb the middle part took in the jibb found the Boatt to the Shaked one third broken an old brake latter fresh trades & ruged all hands employed in fixing the jibb stay so ends running before the wind so as to work on the jibb stay

Sat 14° 31 North
Long 55° 48 West

Sunday February 23 / 68 first part fresh trades & squally running before the Wind so as to work on the jibb stay at 3° 8 M got it Set up hoist by the wind heding SE with fore & Main trysail set middle part squally latter part strong trades & ruged heding to SE under Storm sail Sat 14° 57 North

Long 55° 50 West

Monday February 24 / 68 first part moderate trades from E to SE heding SE with reef Mainsail & fore sail set jibb with Bonnet & middle part light trades from NE latter light trade & calms fixing the fly jibb Mardingal & jibb stay so end got up a preventa stay

Sat 14° 55 North
Long 55° 32 West

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.
*"Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz. Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS. Latter Part.	REMARKS.
	Tuesday February 4th /68 first part light airs & Calms middle part brisk trades & raining heding E & SE daylight wind round various points of the Compass latter moderate & ends Sat 13.50 M Long 54.53 W
	Wendsday February 5th /68 first part light trades from NE & schooner heding ESE & SE middle part light moderate weather latter part fine weather light trade from NE heding ESE Sat 13.25 Mdt Long 54.18 West
	Thursday February 6th /68 first part light SE trades & fine weather heding ESE middle part light airs & Calms latter part Calms saw Blackfish lowerd dorled number of times did not pursue So end the day Calms & Smooth sea Sat 13.06 Mdt Long 53.38 W
S 61	
	Friday February 7th 28 /68 first part light airs & fine weather saw Humpbacks & Blackfish Schooner heding E middle part light breese from NE heding ENE & ESE latter fine weather heding SE SE saw finbacks & porpoises Sat 12.55 Mdt Long 53.10 West
	Saturday February 8th 29 /68 first part light breese from NE heding ESE saw one sail steering to the NW middle part fresh trade latter fresh trades & rugged saw blackfish did not low for them end rugged Sat 12.05 Mdt Long 52.12 West

☞-Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on sealing grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

4 48

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		

Sunday March 1st /68 first part fresh trades from NE & E NE reg the Main Sail Schooner heding E & SE, S SE middle part fresh trades & squally latter part made the same heding SE by E

Sat 11° 25 North
Long 51° 18 West

Monday March 2d /68 first part fresh trades & squally heding E & SE middle part fresh trades & squally latter part strong trades from NE & ruged

Sat 10° 25 North
Long 50° 44 West

Tuesday March 3d /68 first part strong trades & ruged heding SE by E at sundown single reg the Fores'l took Bonnet off the jibb middle part strong Wind from NE & ruged heding SE by E latter part squally Sundry Sail heding to SE under Short Sail a Bark Supposed to be a Whaler ends with Strong NE trades & ruged

Sat 9° 38 North
Long 49° 51 West

Wendsday March 4th /68 first part fresh NE trades & ruged heding E & SE middle part fresh NE trades & squally latter part strong trades & ruged heding E & SE

Sat 8° 42 North
Long 48° 53 West

☞ Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.
* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea; in other words fill up the following blank, viz. Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS. Latter Part.	REMARKS.

Thirsday March 5th 68 first part fresh NE trades & ruged heding ESE reef mainsail at sundow reef the foresail the middle part brisk trades & ruged latter part fresh trades from NE heding ESE under all prudent sail set

Lat 4.46 North
Long 47.48 West

Friday March 6th 68 first part fresh NE trades & ruged heding ESE at 2a P M the bobstay parted next to the bulwarks fixed it at sundown sing[le]reef the foresail took of the bonnet from the jibb middle part brisk trades heding ESE latter much the same heding to the ESE saw one sail steering NW schooner

Lat 6.50 North
Long 46.46 West

Saturday March 7th 68 first part fresh trades & ruged heding ESE by the wind saw a fleet steering to the NNW middle part fresh trades & equally latter part much the same heding ESE & E & E with the frest NE trades

Lat 6.20 N
Long 45.41 W

Sunday March 8th 68 first part fresh NE trades & ruged heding ESE with all prudent set the the middle strong trades & ruged dubble reef the mainsail one reef the foresail latter part strong NE trades & vary ruged

Lat 6.22 North
Long 44.50 West

☞-Whalers please keep Abstract for every day they are not at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on [w]aling grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M. Air.	WATER. Surface.	WATER. Depth.*	WINDS. First Part.	WINDS. Middle Part.
	Monday March 7th 68								first part Strong	
	NE trade & rugd middle rugd latter part Strong									
	trade from NE & NNE & rugd schooner heding									
	E by S & E & under single reefs fs & mainsail bonnet									
	of the jibb to end								Sat 5.56 North	
									Lony 49.00 West	
	Tuesday March 8th 68 first part Strong									
	NE trades heding E by S middle part rain squall									
	latter rain wind from NE & NE thick & rainy									
	tack heded NE to ends no Obs to day Sat Obsn 5.25 N									
									Lony 48.18 West	
	Wends day March 9th 68 first part fresh									
	trade & squalls of rain heding NNE tack									
	heded SE & E middle part heavy squalls									
	of wind & rain & vary rugd heding ENE wind									
	from E & E ends squally saw one Sail Sat 5.46 N									
									Lony 43.11 West	
	Thursday March 10th 68 1st part fresh									
	winds from E to E & NE heding N black heded									
	SE & SE saw one Sail middle part fresh									
	trade & squally schooner heding SE latter									
	part fresh trade from E & NE schooner heding									
	SE saw one Sail steering N by W									
									Sat 5.00 North	
									Lony 42.32 West	

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz Depth from which ship's cock lets in water ——— feet ——— inches.

Commander, bound from to 1868

WINDS. Latter Part.	REMARKS.
	Friday March 13 68 first part fest trades & ruged schooner heding E middle part fest trade from E & E schooner heding E middle part fest E trade latter part much the same & ruged schooner heding E & E Lat 4 0 South Long 9 1/4 40 West.
	Saturday March 14 68 first part fest E & E trades & ruged schooner heding E & E with all prudent sail set middle part heading to the E & E rain squalls & ruged latter thick & raing so end wind from N E & rain ~~wet~~ Lat by count 3 41 S Long by boat 11 1/4 10 W
	Monday March 15 68 first part rain tack ship heded to the N sundown Singled reef the foe & Mainsail heding N middle part rain & squally wind all round the compass latter calms & rain squalls Lat 3 41 S Long 11 1/4 55 W
	Monday March 16 68 first part light airs from S S E heding E & S with all sail set middle part moderate breese from S S E to S E & E S E latter part tack heded N wind from all parts of compass & abundant of rain and calms & raing Lat 3 40 S Long 11 1/4 05 W

☞Whalers please keep Abstract for every day they are not at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on ling grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		
Tuesday	March	17	68			first part light				
airs & calms with rain squalls						middle part				
moderate breze from						NE heding			NNW	
latter part mud the same						saw one sail				
steering NW soon cloudy								Sat 4.40		NW
								Long 42.30		W
Wendsday	March	18	68			first part squally				
wind from NE to NNE						stack headed E the				
the middle part squally						fish trades from E				
to ESE & rainy squalls latter						moderate saw				
one sail so end heding W								Sat 5.25		NW
								Long 42.04		W
Thursday	March	19	68			first part moderate				
trade from NE to ESE						heding S middle				
part brisk SE trades &						squally latter moderate				
trde & fine wether heding						SSW		Sat 6.28		SW
								Long 42.50		W
Friday	March	20	68			first part light				
NE trade & fine wether heding						SW middle				
part brisk trades & fine wether latter fresh trade										
& ruged heduing			SSW					Sat 7.25		WSW
								Long 43.20		W

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, v

Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS. Latter Part.	REMARKS.

Saturday March 21st 68 first part fresh NE trade lackeded E & SE at sundown lackeded N middle part moderat trade latter fine wether moderate trade fro NE heding N & NE saw one Bark Steering to the N Whales, ends with fine wether Lat 8.19. N Lon 43. 10 W

Sunday March 22d 68 first part moderate trade from E NE & fine wether heding N & NE middle part moderate NE trade & fine wether latter part fine wether saw Sqwaws & killer saw turtle Lat 9.26 N Lon 43. 12 West

Monday March 23d 68 first part fine wether light trade from E & NE Steering to the N middle part moderat trade & fine wether latter part much the same saw finback so end paired the Starbrd Boat Lat 10.46 N Lon 43. 45 W

Tuesday March 24th 68 first part light E & E trades heding to the N fine pleasent wether middle part light breses from E & NE heding N & E & latter part fine wether Lat 11.39 N Lat 11 Lon 43. 52 West

Wendsday March 25th 68 first part light E & E trades saw blackfish lowerd struck 2 kill one & drawed from the other middle part light breeses from E latter light breses from E & E & heding E & NE with all Sail set so Lat 12.56 N Lon 43. 50 W

☞-Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on sealing grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, [illegible], tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation observed.	Bar.	THERMOMETER 9 A. M. Air.	THERMOMETER 9 A. M. WATER. Surface.	THERMOMETER 9 A. M. WATER. Depth.*	WINDS. First Part.	WINDS. Middle Part.
Thirsday	March 26 / 68								first part light breezes from SE heding E & SE set the middle part light breezes from SE to SSE tack heding S at middle part fine light winds latter light mordorate wather heding SW & SSE painted the Larbord Boat saw one sail Sat 13 30 W Lat Long 43 15 W	
Friday	March 27 / 68								first part light & mordat wither heding SSE & wind i middle part mordert latter part fresh trade from E & SE heding SW & repaired the Mainsail Sat 14 40 W Lat Long 43 40 W	
Saturday	March 28 / 68								first part fresh trade from E & SE heding S & SE at 8 A M saw Sperm Whale at 2 Leagues Lowerd fasten to & the Mate got his hand blowed to peces Cad by the bursting of a bomb lance kill the Whales got them along Side at Sundowne the middle part fresh trades from E & SE at daylight call all hand & commence cutting finishat 8 A M ends rugged all hands at work on Whales heding SE & Sat 15 19 W Lat Long 43 56 W	
Sunday	March 29								first part fresh E & SE trades & rugged commence cading middle rain Squalls at 4 A M the mainsail Lowerd & tore badly Lowerd it set the Drysail latter fresh trades & rugea finish loading Sat 14 56 W Long 44 a W	

☞ Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.
* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz. Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS.	REMARKS.
Latter Part.	Monday March 30 1868 first part fresh trades & rugged Steering S.E. by E at 3 P.M. set the foresail & Steerd S.W. by W middle part fresh trades & fine weather latter part fresh trade & rugged repairing the Spinsail Lat 16.19 N Long 45.16 W
	Tuesday March 31 1868 first part fresh trades steering S.W. by S middle part high trades & passing rain squalls steer S.W. by S latter fresh trades & rugged Mr Welch no Letter Lat 17.37 North Long 47.12 West
	Wendsday April 1 1868 first part fresh trades & rugged Steering S.W. by W middle part fresh trade Steering S.W. by W latter wind from E to S.E & squalls Mr Welch is no Letter Lat 19.57 North Long 48.26 West
	Thursday April 2 1868 first part light winds from E to S.E & rugged Steering S.S.W. middle part moderate breze from E to E.S.E latter pars much the same Mr Welch off duty Lat 20.40 S Long 49.30 W
	Friday April 3 1868 first part light winds from E.S.E Steering S.W. middle part light breze from S.E latter light winds & fine weather Steering S.W. with Royals Set painted the Mast Boat So and light airs & calms Mr Welch Hand no Letter off duty Lat 21.30 S Long 49.30 W

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on grounds.
B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red fogs, or "Sirocco-dust;" and send specimens of the last two.

5.4

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M. Air.	WATER. Surface.	WATER. Depth.*	WINDS. First Part.	WINDS. Middle Part.
	Saturday 5th 68 April					first part				
	light airs from SE Steering					SW			with trysail	
	middle part light breses from					SE			latter part	
	light moderate wether			Steering		SW by S			Mr Welch	
	hand is quite painful			Saw one sail		Sat 22		36	North	
						Long 51		4	West	
	Sunday April 6th 68					first	part	light airs		
	from SE steering			SW by W		middle	part			
	light breses from SE			latter		much the same		steering		
	SW by S Mr Welch hand no			better		Sat 23		54	SW	
						Long 52		40	West	
	Monday April 7th 68			first	part	light & SE winds				
	Steering SW Spoke the Schoond			Abridge		Gerry				
	of Provincetown last Every			17 days	out	Clean middle				
	part light & SE winds & fine wether					latter part				
	fine Steering SW Mr Welch off duty					Sat 24		12	SW	
						Long 53		45	West	
	Tuesday April 7th 68 first			part	light	SE winds				
	Steering SW by S middle			part		set the mainsail				
	Set the trysail latter			mordeate	breses	from		SE		
	Set the mainsail Steering			SW by S		Sat 25		10	SW	
						Long 54		40	West	
	Wendsday April 8th 68 first			part	light	SE wind				
	Steering SW middle part			light	breses	from SE				
	latter light breses & fine wether			Steering		SW by W				
	Saw 2 Sails Steering to the West			Mr Welch off						
	duty with a bad hand			Sat		26		12	SW	
				Long		56		33	West	

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.
* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS. Latter Part.	REMARKS.

Thursday April 9th/68 first part light airs from SE steering SW middle part light airs from SE steering SW latter part fine pleasent wether Steering SW with Foresail & maintrysail set Lat 27.01 N Lon 57.30 W

Friday April 10th/68 first part light airs from E steering SSW at 3 P M Set the Mainsail middle part light breezes from ESE to SE at midnight furl the Mainsail Set the Trysail latter light airs from SE steering SSW Mr Welch sick abed Lat 27.56 N Lon 58.20 W

Saturday April 11th/68 first part light winds from SE to ESE at 1 P M Set the mainsail the middle part light winds from SE to SSE steering SW latter part brisk breezes & fine wether Saw one Sail Mr Welch hand more easy Lat 29.03 N Lon 59.30 W

Sunday April 12th/68 first part brisk breezes from the S steering SW by W Saw one Sail at Sundown furl the flying Jibb mend hall to the W SW & rain Squalls the middle part wind from SW to W by S steering S W & W S W the latter rainy Squalls & calms no observed Sat by boat Lat 30 00 N Lon 61 00 W

☞-Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on fishing grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red fogs, or "Sirocco-dust;" and send specimens of the last two.

56

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER. Surface.	WATER. Depth.*	First Part.	Middle Part.
	Monday April th 13.	/68 first	part	light winds all						
	round the compass with rain		middle	part	calms					
	in all sail	lay all	Night	Shot	Calm at	8 A M	light			
	breze	sprung up from the	S	made all	Sail	heding				
	W latter	light	breze	from	S to	S W	Lat	30 07	N	
							Long	6 28	W	
	Tuesday April th 14	/68	first	part	light	breze				
	from	S W	to W S W	heding	N B	W	Saw	one	Sail	
	heding	to the	S	middle	part	moderate	breeze			
	from	S W	to W	heding	S W &	W S W	at	daylight		
	wind	hall	to the	S W	tack	heded	to	W S W		
	at 6 A M	wind	hall	S E	heavy	Squalls	but	the		
	Mainsail	Set	the	Jybsail	took	of the	Bonnet			
	of the	jibb	Steerd	W B S	Mr	Welch	of	duty		
	with a	lead	hand	no	obs	Sat	by	Lunar	30 20	D
						Long	43	08	W	
	Monday April th 15	/68	first	part	fas					
	N E	gale	Steering	W	middle	part	wind	hall		
	E S E	moderate	latter	moderate	but	rugid				
	Steering	N W	under	Trysails	Lat	32	20	N		
						Long	65	26	W	
	Thursday April th 16	/68	first	part	light	S E				
	winds	Steering	N W &	W	with	Foresail	Set	saw	one	
	Sail	middle	part	moderate	Winds	With a	Lead			
	Sea	running	at 4	A M	Saw	Whales	lost	by	wentdown	
	did	not	See	them	again		Lat	30	51	N
						Long	46	50	W	

☞ Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.
* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz. Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS. Latter Part.	REMARKS.

Friday April 14 p.68 first part fresh SE wind & rugd Steering SW saw finbacks & Porpeses one sail in Site middle part moderate brees from SE Steering SW latta fresh SE wind & rugd Mr Welch off duty with a bad hand Lat 32°N West Long 68°.10 W

Saturday April 15. p.68 first part fresh winds from SE to SSE & vary rugd at 4 P M wind S Steering WSW & SWbW 2 sails in Site Steering to the S middle part brisk winds from the S latter part much the same Mr Welch hand is quite painful saw finbacks Lat 33°.54 North Long 70°.30 West

Sunday April 19. p.68 first part fresh winds from S Steering SWbW & W SSW middle part wind shifted to the SE & blowed with rain latter part fresh gale from E SE & rugd Steering W SW under fore & maintrysails set Mr Welch hand is painful Sounded with thick rainy weather Lat by Lount 33°.44 W Long 72°.10 West

Monday April 20. p.68 first part fresh gales from E SE & rugd Steering SW with fore & main trysails Set the middle part fresh winds from S Steering SW with fore & main trysail set & reefd ditto daylight Set the foresail at 8 A M made all Sail Steerd S W at 10 A M fresh gales from S & heavy rain squalls took in the mainsail but the foresail Set fore & main trysail Steering SW very rugged & heavy weather Lat 33°.10 West

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on g grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M. Air.	WATER. Surface.	WATER. Depth.*	WINDS. First Part.	WINDS. Middle Part.
									Tuesday April 21st/68 first part fresh SSW gales Engaged steering NW by W & W more moderate made all sail steering NW wind SW middle part light & calms latter light breezes from SE & SSE hedeing to the N saw a number of small vessells Mr Welch hand is no better Sat 36.56 SW	
									Long 74.30 W	
									Wendsday April 22d/68 first part light winds from E & calms at 3 P M wind com from NW followed with rain thunder & lightning at 5 undress double reef the foresail furl the mainsail took the boom off the jibb set the main try sail wind hall to the NE tack headed NW by N middle part thick fog at midnight tack headed to SE at daylight cleard up made sail headed SE wind SW by W at 9 A M calm saw a number of vessells one Steam Sat 36.55 W	
									Long 74.30 W	
									Thursday April 23d/68 first part calm layed with all sail lowerd down at 2 P M light airs from SW set the foresail middle part light airs & calms latter part much the same numbr of sail in sight Mr Welch off duty not a bad man Sat 37.10 W	
									Long 74.12 W	

- ☞ Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.
* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz. Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS. Latter Part.	REMARKS.
	Friday April 4th 68 first part light airs & Calms Steering SE & SE by saw eleven Sails steering various Courses the middle part wind Ball to the SE & blowed a gale fore & mizzen sail the fore & mizzen sail the fore & mizzen sail the

60

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		
Tuesday April 28/68 first part light S/W wind Steering SEbS & saw a number of Sail middle part light breeze from SW at daylight wind hall S'ly at 6 wind S & Sudiny & the S SW/ at 9 wind E Sudiny SE latta Cloudy & first breze from the E & Cloudy Mr Welch of dut Sat 40 m 04 W Long 73 m 03 W										
Wendsday April 29/68 first part fresh wind Sudny SbE on the wind at 9 S M made the Land bearing NbE fire Island saw numbr of Sail middle foggy wind SE latter part Stiony NE wind & Cloudy a bad sea 30 mds Shinnecock light bearing NbE dist 15 mles										
Thirsday April 30/68 first part fresh NE wind & Cloudy mitte-mitt a bad Sea the middle part thick & foggy with light winds & Calms saw one Sail at 9 A M light SW winds steerd SE 30 end foggy Sat by Count 40 40 Latt Long 71 30 West Mr Welch hand is in said Henderson for labor at preasent it seems to be much fractard in the Bond										

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.
* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz. Depth from which ship's cock lets in water ——— feet ——— inches.

Commander, bound from to New Bedford 1868

WINDS. Latter Part.	REMARKS.

May Friday 1, 68 first part light SW winds
Steering SE high nather at 6 fog at 3 P M fog lifted
saw main top light bearing dist 6 miles Steerd E SE at 6 P M
Lost the Chaines at 7 left by the wind heding S E with jib
Foresail & Maintrysail Set the middle part pugged at 8 P M
Steerd S S E at 4 saw Gay Head Light bearing N E
Steerd S at 7 A M took Pilot wind hall to the S W

Tuesday Saturday May 2 68

this Day Begins with moderate with nather
with fog fresh winds from S W Steering S E
for the light boat working up the Bay with Pilot
on bord got to the Woarf at 3 P M So end this Voyage
with me in the Schooner Rainbow of
Darthmouth

☞-Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on sealing grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz. Depth from which ship's cock lets in water ——— feet ——— inches.

Commander, bound from to 18

WINDS. Latter Part.	REMARKS.

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on ing grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, Depth from which ship's cock lets in water ——— feet ——— inches.

Commander, bound from to 18

WINDS. Latter Part.	REMARKS.

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on ing grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz Depth from which ship's cock lets in water ——— feet ——— inches.

Commander, bound from to 18

WINDS. Latter Part.	REMARKS.

☞-Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water ——— feet —— inches.

WINDS. Latter Part.	REMARKS.

☞-Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS. Latter Part.	REMARKS.

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water ——— feet ——— inches.

Commander, bound from to 18

WINDS. Latter Part.	REMARKS.

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz. Depth from which ship's cock lets in water ——— feet ——— inches.

Commander, bound from to 18

WINDS. Latter Part.	REMARKS.

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water ——— feet ——— inches.

Commander, bound from to 18

WINDS. Latter Part.	REMARKS.

☞-Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on ...hing grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer i recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz Depth from which ship's cock lets in water ——— feet —— inches.

WINDS. Latter Part.	REMARKS.

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS. Latter Part.	REMARKS.

G—Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while · then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, vi
Depth from which ship's cock lets in water ——— feet —— inches.

Commander, bound from to 18

WINDS. Latter Part.	REMARKS.

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on g grounds.
N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while · then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermome recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, Depth from which ship's cock lets in water ——— feet —— inches.

Commander, bound from to 18

WINDS. Latter Part.	REMARKS.

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on ling grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while · then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermome recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank Depth from which ship's cock lets in water ——— feet ——— inches.

Commander, bound from to 18

WINDS. Latter Part.	REMARKS.

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on ling grounds. .

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while · then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, Depth from which ship's cock lets in water ——— feet —— inches.

Commander, bound from to 18

WINDS. Latter Part.	REMARKS.

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on ling grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while · then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, Depth from which ship's cock lets in water ——— feet —— inches.

Commander, bound from to 18

WINDS. Latter Part.	REMARKS.

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents. (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while: then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS. Latter Part.	REMARKS.

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS. Latter Part.	REMARKS.

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		

☞Reserve this for Binding.—Don't cut.

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water ——— feet ——— inches.

WINDS. Latter Part.	REMARKS.

☞Reserve this for Binding.—Don't cut.

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water ——— feet ——— inches.

☞Reserve this for Binding.—Don't cut.

WINDS. Latter Part.	REMARKS.

☞Reserve this for Binding.—Don't cut.

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		

☞Reserve this for Binding.—Don't cut.

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water ——— feet —— inches.

Commander, bound from to 18

WINDS. Latter Part.	REMARKS.

☞-Reserve this for Binding.—Don't cut.

☞-Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.

ABSTRACT LOG of the

Date.	Latitude, at noon.	Longitude, at noon.	Currents, (Knots per hour.)	Variation *observed.*	Bar.	THERMOMETER 9 A. M.			WINDS.	
						Air.	WATER.		First Part.	Middle Part.
							Surface.	Depth.*		
			SCH RAINBOW		OF					
			CAPT HENRY B. NTACOMBER.							
			Mate David M. Welch							
			B.S. Jose Perino			873				
			B.S. Manuel Holmes.			"				
			BS Cook Ship Keeper Roland Blair			-				
			Steward James A Coram			"				
			Seamen Jon Perry							
			Manuel Frates.							
			Alex Sharp							
			Edwd Otey.							
			John Lane							
			Francis Cobb							
			John B. Charles							
			Canning John							
			Candido Pantino							
			Manuel Lewis							
			Manuel Silva							
									SAILED SEP 9 1867	
									RETD May 1 1868	
									20 BBLS SPERM	
									2 " WHALE	

☞Reserve this for Binding.—Don't cut.

☞Enter the wind for the *point* of the compass from which it has MOST PREVAILED for the eight hours; and pay particular attention to the Air and Water Thermometers.

* "Depth." Let the water flow through the ship's cock for a little while; then catch a bucket full, try the temperature, and enter that temperature in the column "Depth." Farenheit Thermometer is recommended for all the observations on temperature. Enter on every page the depth below the surface at which the orifice for the ship's cock enters the sea: in other words fill up the following blank, viz: Depth from which ship's cock lets in water ——— feet ——— inches.

Commander, bound from to 18

WINDS. Latter Part.	REMARKS.

THE
ANDREW SNOW, JR.
COLLECTION

Old Dartmouth
WHALING MUSEUM LIBRARY
Historical Society

☞Whalers please keep Abstract for every day they are *not* at anchor, and especially when fishing. The Thermometer, both Surface and "Depth," is wanted at *all* times, and especially when on whaling grounds.

N. B.—Always mention fogs, rain, thunder and lightning, meteors, auroras, tide-rips, drift, sea-weed, red-fogs, or "Sirocco-dust;" and send specimens of the last two.